

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/003899

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/574 C07K16/00 A61K38/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SAMUELS-LEV YARDENA ET AL: "ASPP proteins specifically stimulate the apoptotic function of p53" MOLECULAR CELL, CELL PRESS, CAMBRIDGE, MA, US, vol. 8, no. 4, October 2001 (2001-10), pages 781-794, XP002202189 ISSN: 1097-2765 the whole document in particular page 787, col. 2, paragraph 2; page 793, col. 1, paragraph 3.	34-41
A	----- -/--	1-33, 42-48

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

25/01/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/12325 A (LUDWIG INST CANCER RES ; LU XIN (GB)) 14 February 2002 (2002-02-14) the whole document in particular page 38, lines 9-28; Examples 3, 6.	34-41
A		1-33, 42-48
X	BERGAMASCHI D ET AL: "IASPP ONCOPROTEIN IS A KEY INHIBITOR OF P53 CONSERVED FROM WORM TO HUMAN" NATURE GENETICS, NATURE AMERICA, NEW YORK, US, vol. 33, no. 2, February 2003 (2003-02), pages 162-167, XP001180301 ISSN: 1061-4036 abstract page 164, column 1, paragraph 4 figure 4c the whole document	25,28, 35-38
A		1-24,26, 27, 29-33, 39-48
X	IWABUCHI KUNIYOSHI ET AL: "Stimulation of p53-mediated transcriptional activation by the p53-binding proteins, 53BP1 and 53BP2" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 273, no. 40, 2 October 1998 (1998-10-02), pages 26061-26068, XP002189291 ISSN: 0021-9258 abstract page 26062, column 1, paragraph 4 page 26066, column 1, paragraph 2 the whole document	25,28, 35-38
A		1-24,26, 27, 29-33, 39-48
X	HELPS N R ET AL: "Protein Phosphatase 1 interacts with p53BP2, a protein which binds to tumor suppressor p53" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 377, no. 3, 27 December 1995 (1995-12-27); pages 295-300, XP002095580 ISSN: 0014-5793 abstract	27
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PCT/GB2004/003899

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SLEE E A ET AL: "The ASPP family: Deciding between life and death after DNA damage"</p> <p>TOXICOLOGY LETTERS, ELSEVIER BIOMEDICAL PRESS, AMSTERDAM,, NL, vol. 139, no. 2-3, 4 April 2003 (2003-04-04), pages 81-87, XP002285487</p> <p>ISSN: 0378-4274</p> <p>the whole document</p> <p>-----</p>	1-48
A	<p>LAIRD A D ET AL: "Oncoprotein signalling and mitosis"</p> <p>CELLULAR SIGNALLING, ELSEVIER SCIENCE LTD, GB, vol. 9, no. 3-4, 1997, pages 249-255, XP002301400</p> <p>ISSN: 0898-6568</p> <p>the whole document</p> <p>-----</p>	1-48

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

Continuation of Box II.1

Although claims 1-24 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the underlying biological principal.

Although claims 39-41 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of compounds/compositions.

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Continuation of Box II.1

Claims Nos.: 1-24 (partially), 39-41 (partially)

Rule 39.1(iv) PCT - Diagnostic method practised on the human or animal body (claims 1-24)

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy (claims 39-41)

# INTERNATIONAL SEARCH REPORT

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-24 (partially), 39-41 (partially)  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/003899

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0212325	A	14-02-2002	
		AU 7651501 A	18-02-2002
		CA 2417368 A1	14-02-2002
		CN 1446228 T	01-10-2003
		EP 1313762 A2	28-05-2003
		WO 0212325 A2	14-02-2002
		JP 2004525605 T	26-08-2004
		US 2004053262 A1	18-03-2004
		US 2004228866 A1	18-11-2004